GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4105
ANSWERED ON:19.04.2000
NUCLEAR POWER GENERATION
SRIKANTA DATTA NARASIMHARAJA WADIYAR;T.M. SELVAGANAPATHI

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government propose to implement a long term policy to increase nuclear power generation in the country;

(b) if so, the details thereof;

(c) whether the existing nuclear power plants are proposed to be enlarged with a view to increasing nuclear power output;

(d) if so, the details thereof;

(e) whether the Nuclear Power Corporation have fixed a target to achieve 20,000 MW power output by 2020 AD; and

(f) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY

(SMT. VASUNDHRA RAJE)

(a) - (f) Yes, Sir. The following is the projection of the programme for nuclear power generation during the Ninth Five Year plan and beyond the Ninth Five Year Plan, subject to availability of financial resources.

Details of reactors/Units	Total capacity (MWe)
I. Upto Ninth Five Year Plan	
(1) Operating reactors [2BWRs of 160 MWe each & 8 PHWRs (1x100, 1x200, 2x170, 4x220 MWe)]	2280
(2) Reactors under construction (2 PHWRs of 220 MWe each)	440
(3) Reactors sanctioned and work commenced (2 PHWRs of 500 MWe each)	1000
(4) Reactors awaiting sanction (2 PHWRs of 220 MWe each, 2 VVERs of 1000 MWe each and 1 PFBR of 500 MWe)	2940
Total	6660
II, Beyond the Ninth Five Year Plan	

(1) Reactors for which advanced procurement action is to be taken	1440
(2) Reactors in the planning stage	
(i) 10 PHWRs of 500 MWe each	5000
(ii) 4 FBRs of 500 MWe each	2000
(iii) 5 LWRs of 1000 MWe each	5000
Total	13440
Grand Total	20100